

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040132.D
 Acq On : 07 Jun 2023 09:29
 Operator : MA/JU
 Sample : 03029-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

Quant Time: Jun 07 11:10:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

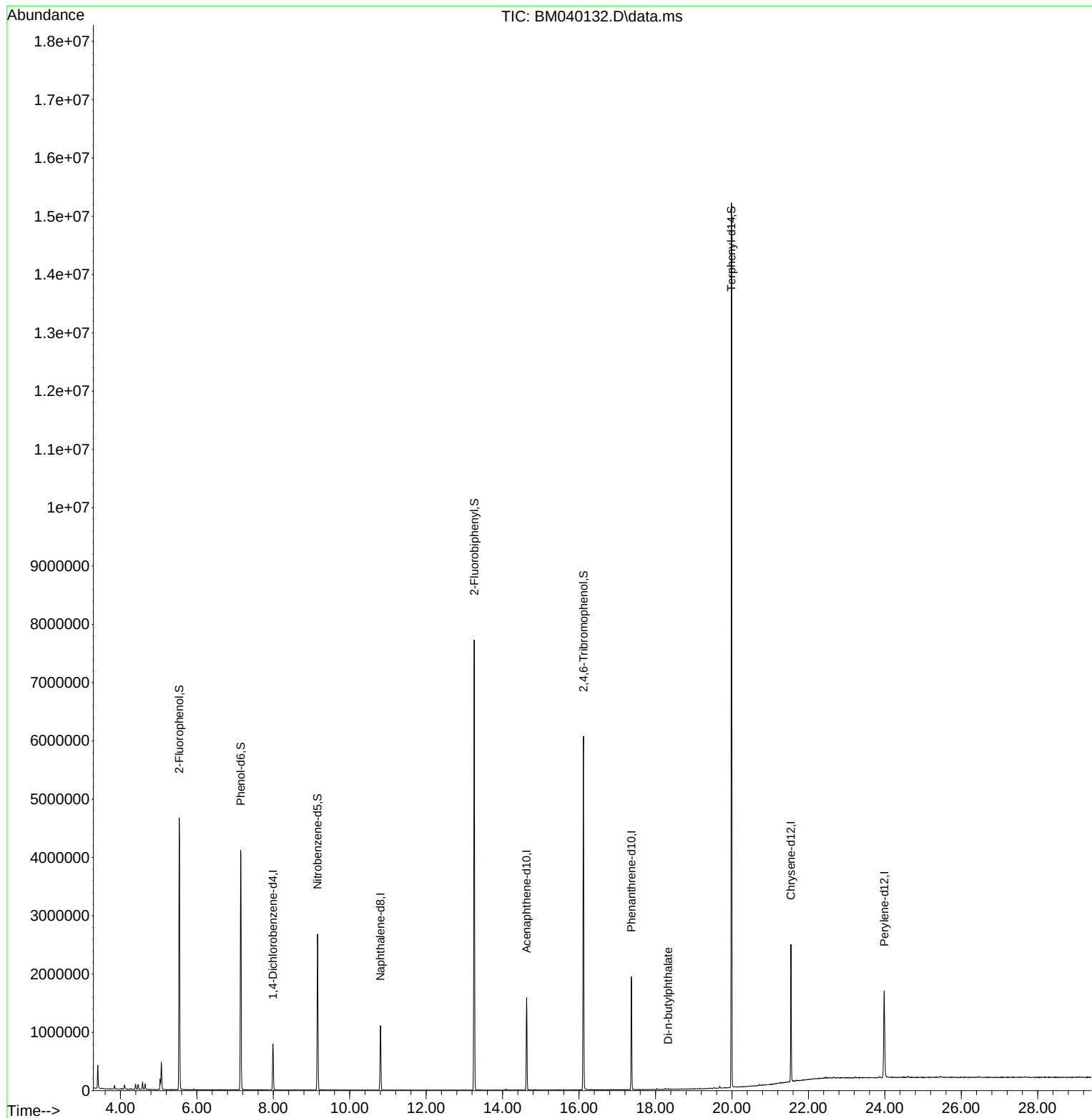
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	206231	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	873020	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	473299	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	999254	20.000	ng	# 0.00
76) Chrysene-d12	21.544	240	862455	20.000	ng	#-0.01
86) Perylene-d12	23.986	264	947189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2007940	149.350	ng	0.00
7) Phenol-d6	7.145	99	2361691	134.661	ng	0.00
23) Nitrobenzene-d5	9.157	82	1432059	88.513	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	947964	154.315	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3380058	84.233	ng	0.00
79) Terphenyl-d14	19.986	244	6411445	115.427	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.333	149	7334	3.761	ng	# 96

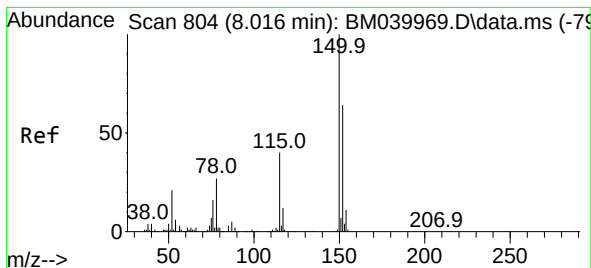
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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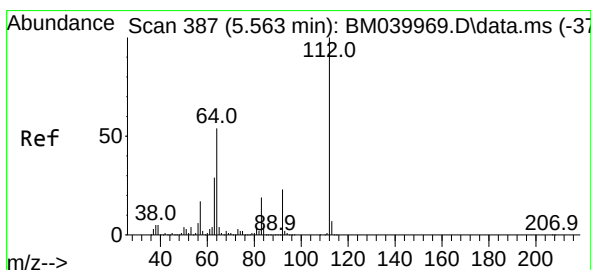
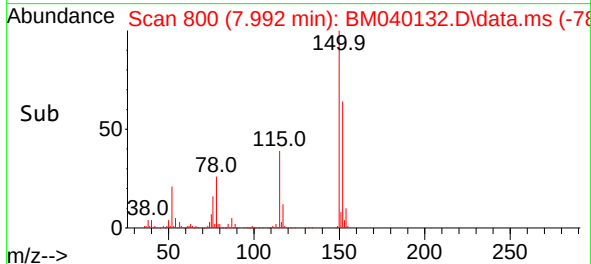
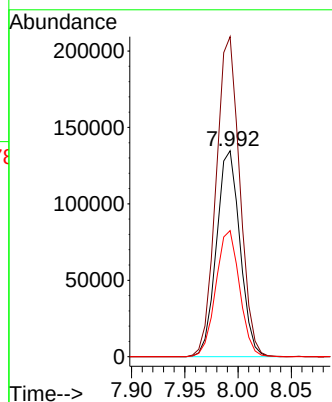
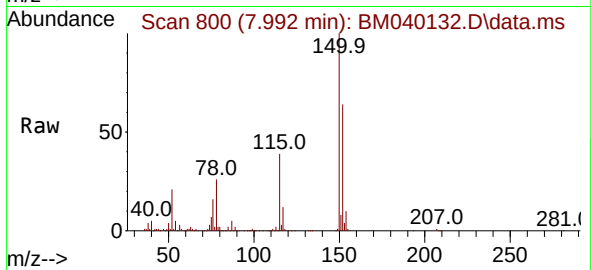




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

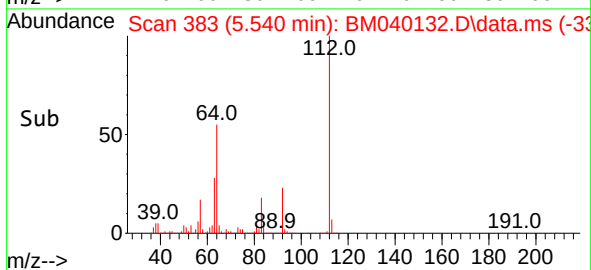
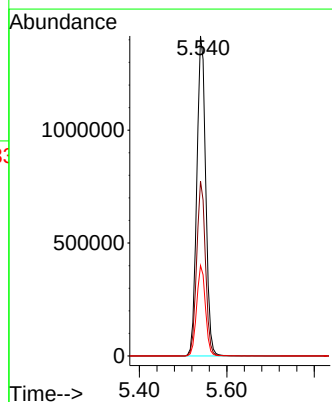
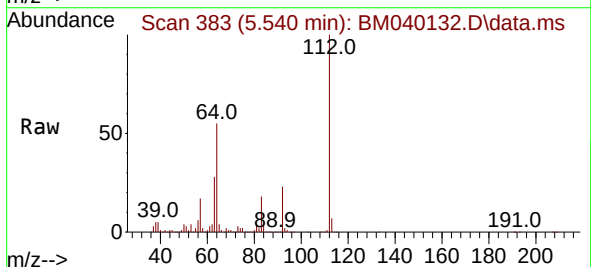
Instrument :
BNA_M
ClientSampleId :
TP-9

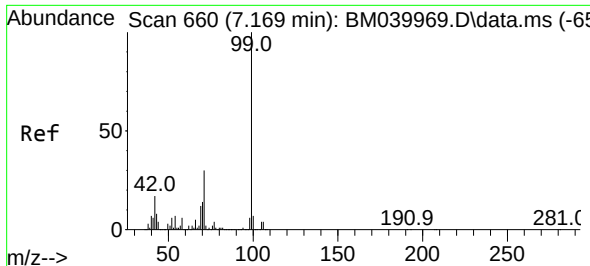
Tgt Ion:152 Resp: 206231
Ion Ratio Lower Upper
152 100
150 155.4 125.5 188.3
115 61.2 50.2 75.2



#5
2-Fluorophenol
Concen: 149.350 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

Tgt Ion:112 Resp: 2007940
Ion Ratio Lower Upper
112 100
64 54.7 43.0 64.4
63 28.2 22.9 34.3

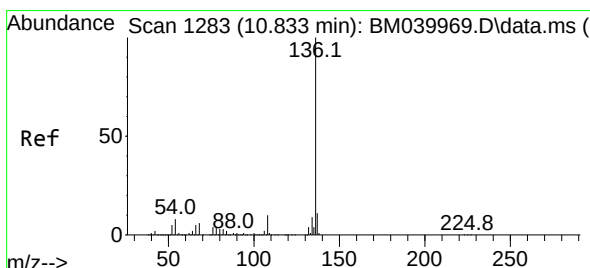
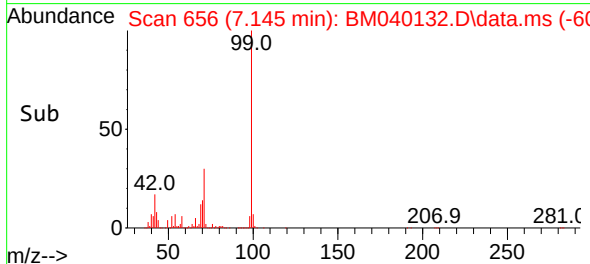
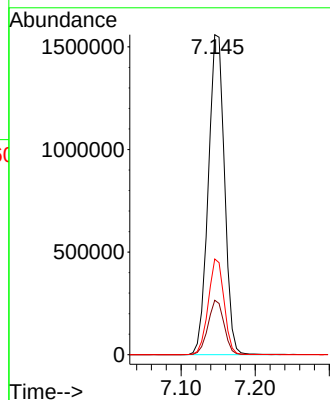
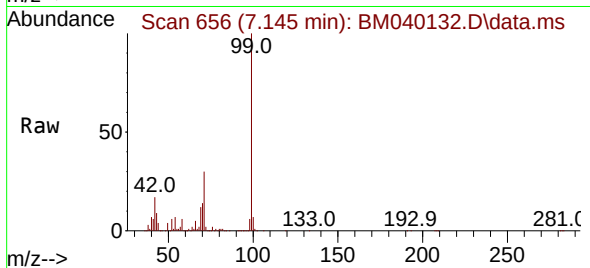




#7
Phenol-d6
Concen: 134.661 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

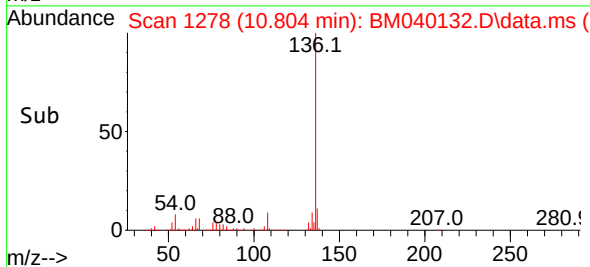
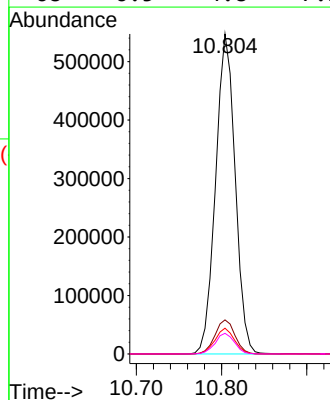
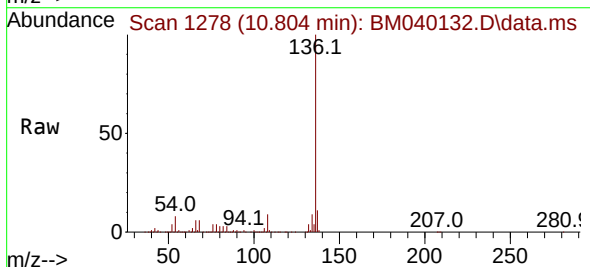
Instrument :
BNA_M
ClientSampleId :
TP-9

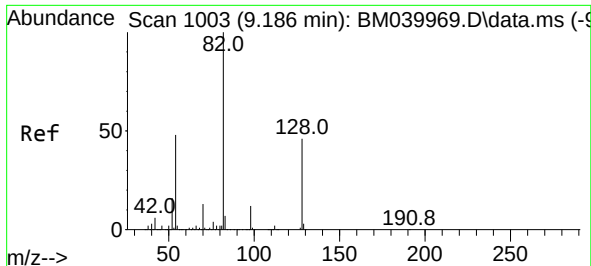
Tgt Ion: 99 Resp: 2361691
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 29.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

Tgt Ion:136 Resp: 873020
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.0 6.1 9.1
68 6.5 4.8 7.2

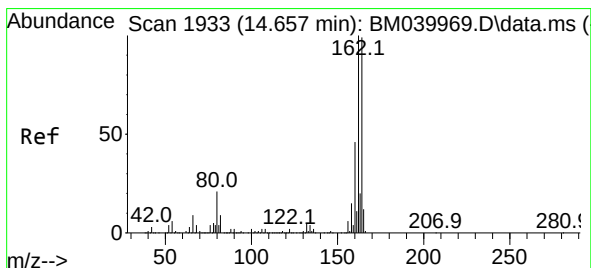
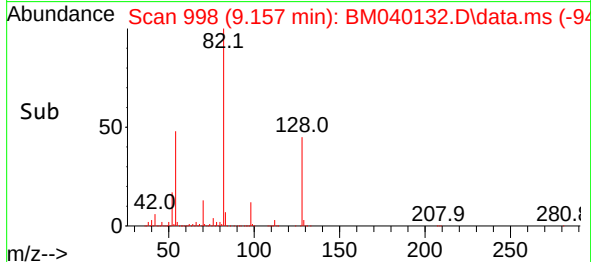
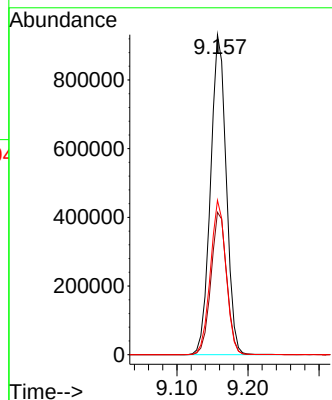
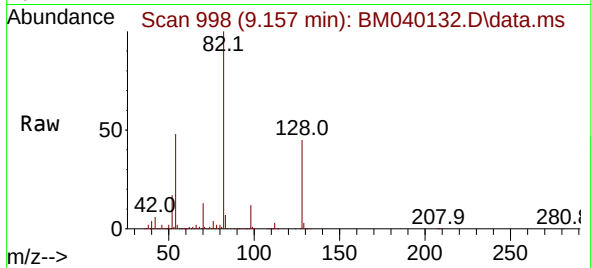




#23
Nitrobenzene-d5
Concen: 88.513 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

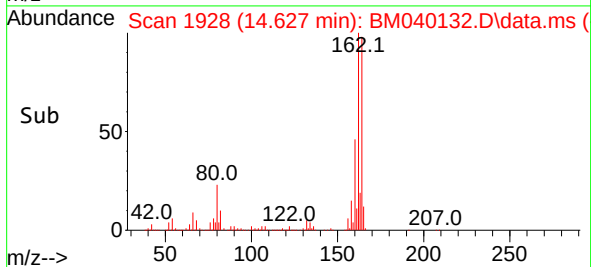
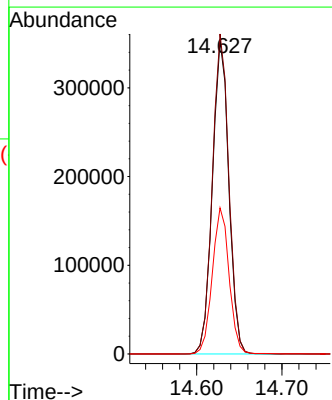
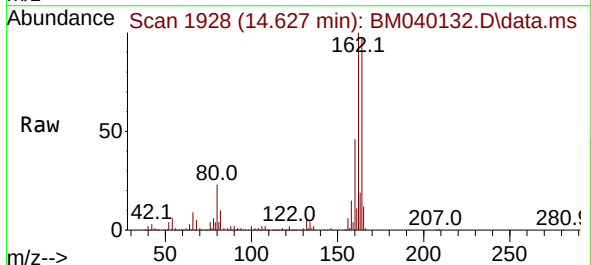
Instrument :
BNA_M
ClientSampleId :
TP-9

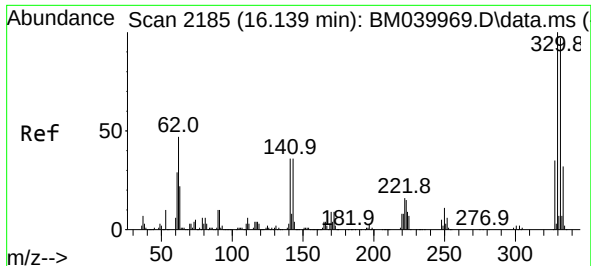
Tgt Ion: 82 Resp: 1432059
Ion Ratio Lower Upper
82 100
128 44.5 36.5 54.7
54 48.2 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

Tgt Ion:164 Resp: 473299
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 46.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 154.315 ng

RT: 16.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040132.D

Acq: 07 Jun 2023 09:29

Instrument :

BNA_M

ClientSampleId :

TP-9

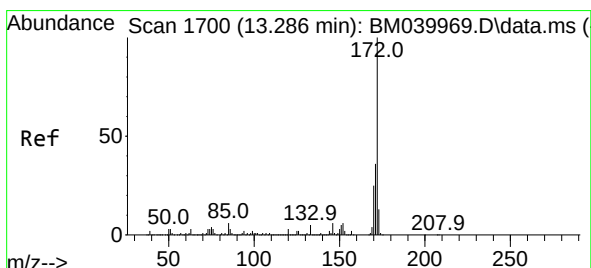
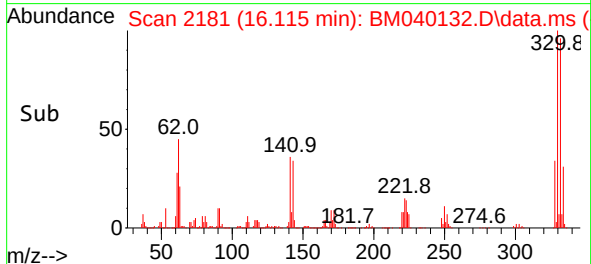
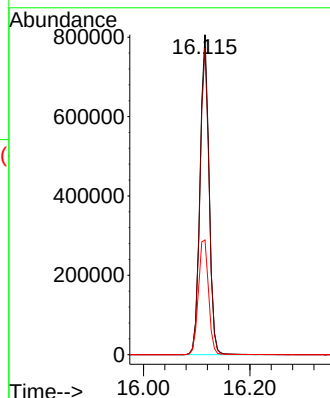
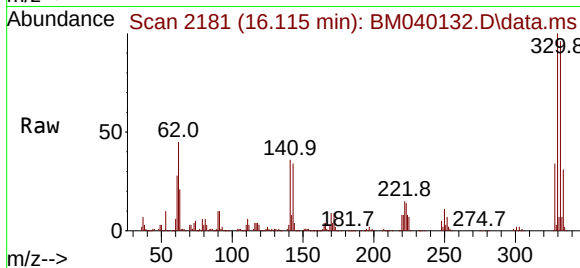
Tgt Ion:330 Resp: 947964

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 40.3 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 84.233 ng

RT: 13.257 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM040132.D

Acq: 07 Jun 2023 09:29

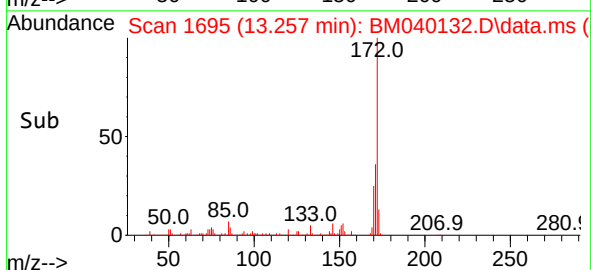
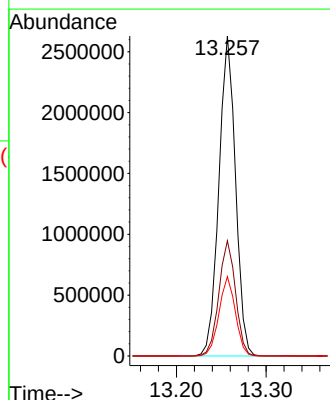
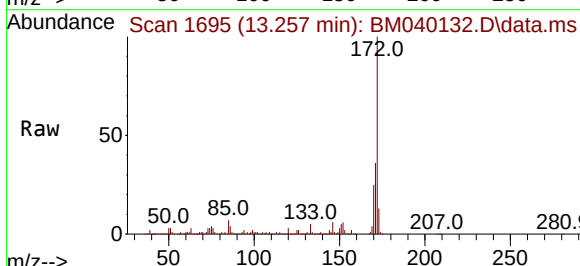
Tgt Ion:172 Resp: 3380058

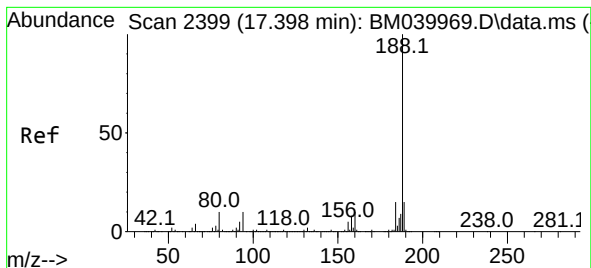
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.8 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040132.D

Acq: 07 Jun 2023 09:29

Instrument :

BNA_M

ClientSampleId :

TP-9

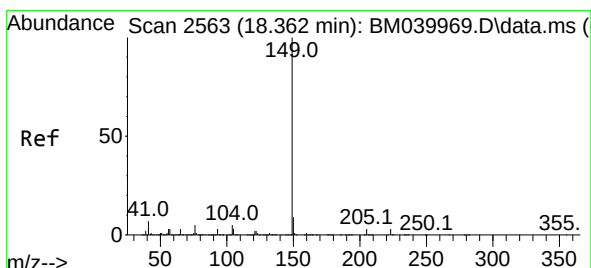
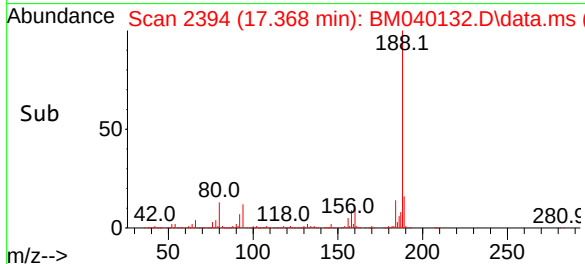
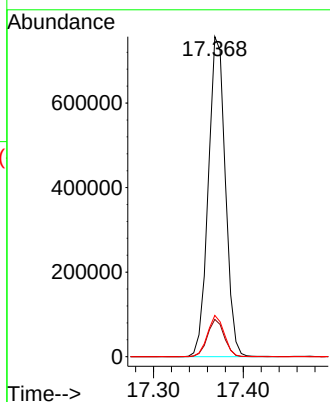
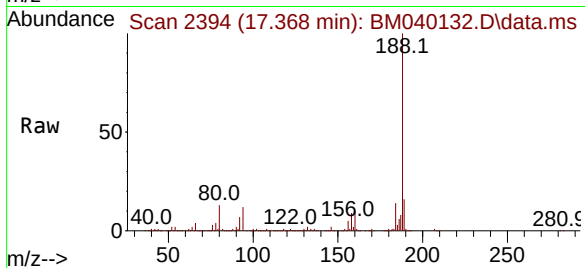
Tgt Ion:188 Resp: 999254

Ion Ratio Lower Upper

188 100

94 11.7 7.8 11.8

80 12.9 8.2 12.4#



#74

Di-n-butylphthalate

Concen: 3.761 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.012 min

Lab File: BM040132.D

Acq: 07 Jun 2023 09:29

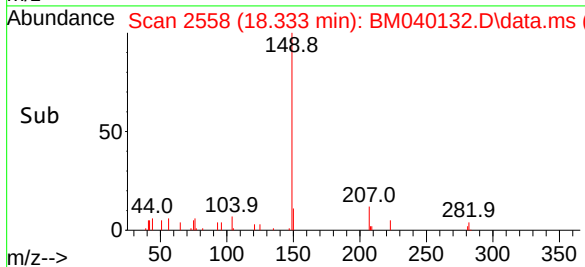
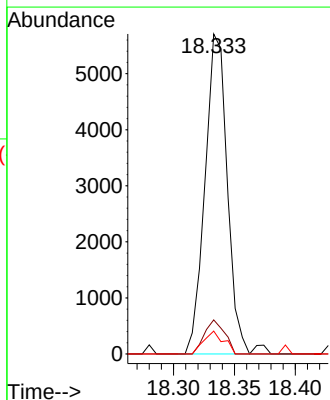
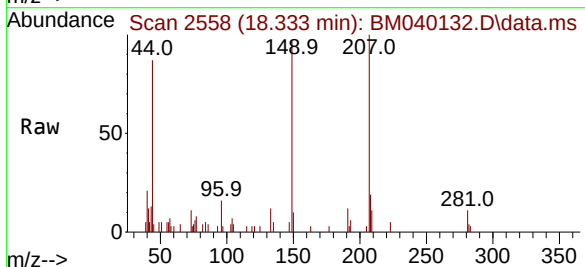
Tgt Ion:149 Resp: 7334

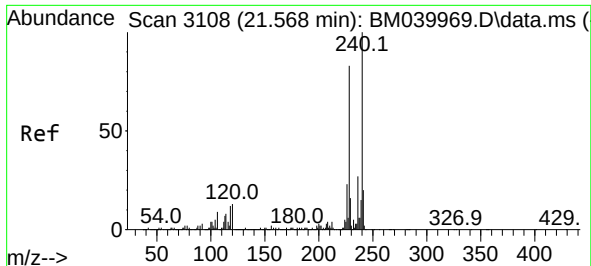
Ion Ratio Lower Upper

149 100

150 10.6 7.4 11.2

104 7.2 4.2 6.2#

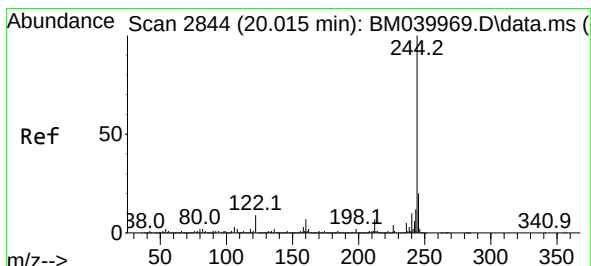
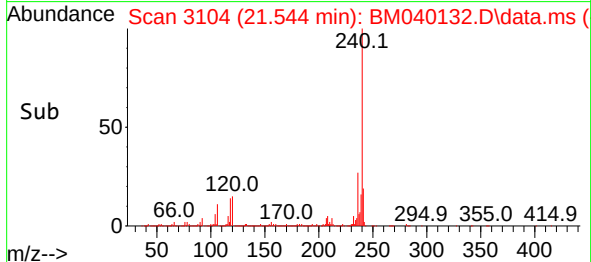
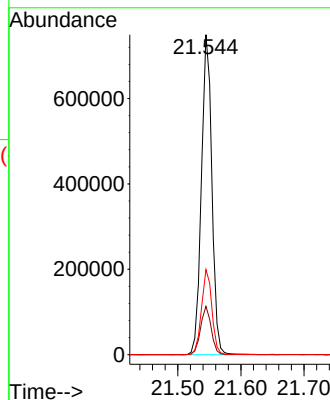
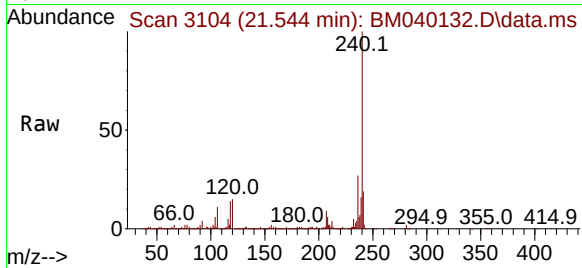




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

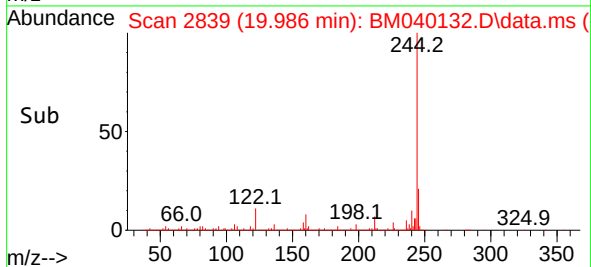
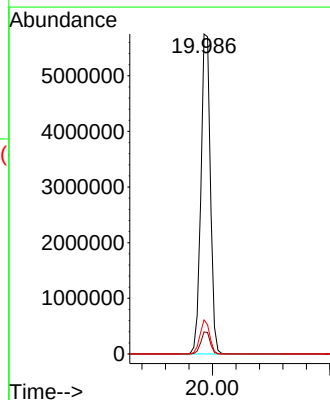
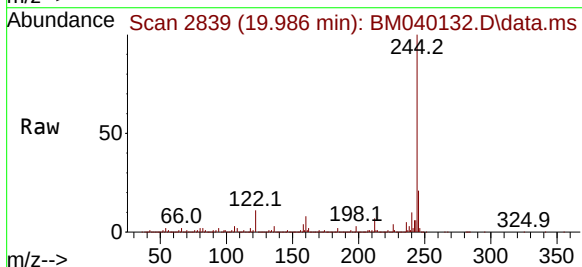
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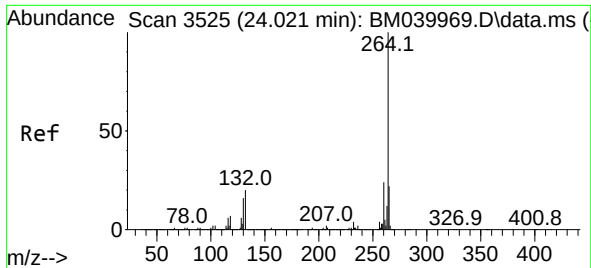
Tgt Ion:240 Resp: 862455
Ion Ratio Lower Upper
240 100
120 15.1 10.1 15.1#
236 26.6 21.3 31.9



#79
Terphenyl-d14
Concen: 115.427 ng
RT: 19.986 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BM040132.D
Acq: 07 Jun 2023 09:29

Tgt Ion:244 Resp: 6411445
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.7 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.986 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM040132.D
 Acq: 07 Jun 2023 09:29

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

Tgt Ion:264 Resp: 947189
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.7 17.7 26.5

